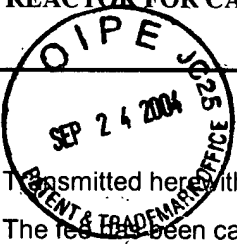
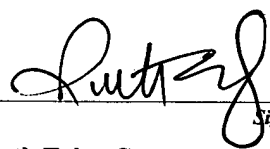


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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------|---------------------------------------------------------------|
| AMENDMENT TRANSMITTAL LETTER (Large Entity) | | | | Docket No. 03100121BA | | | | | |
| Applicant(s): A. Haverick, et al. | | | | | | | | | |
| Application No. 10/084,306 | Filing Date February 28, 2002 | Examiner Naff | Customer No. 30743 | Group Art Unit 1651 | Confirmation No. 8383 | | | | |
| Invention: PROCESS FOR PRODUCING A VASCULARIZED BIOARTIFICIAL TISSUE AND AN EXPERIMENTAL REACTOR FOR CARRYING OUT THE PROCESS | | | | | | | | | |
|  COMMISSIONER FOR PATENTS: | | | | | | | | | |
| Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below. | | | | | | | | | |
| CLAIMS AS AMENDED | | | | | | | | | |
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE | | | | |
| TOTAL CLAIMS | 5 - | 20 = | 0 x | \$18.00 | \$0.00 | | | | |
| INDEP. CLAIMS | 1 - | 3 = | 0 x | \$86.00 | \$0.00 | | | | |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 | | | | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 | | | | |
| <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-2041 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. | | | | | | | | | |
|  _____ <i>Signature</i> | | | Dated: September 24, 2004 | | | | | | |
| Ruth Tyler-Cross Reg No. 45,922 Whitham, Curtis & Christofferson, PC 11491 Sunset Hills Road, Suite 340 Reston, Virginia 20190 703-787-9400 | | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;"> I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. </td> </tr> <tr> <td style="padding: 5px; text-align: center;"> <i>Signature of Person Mailing Correspondence</i> </td> </tr> <tr> <td style="padding: 5px; text-align: center;"> HAND DELIVERED </td> </tr> <tr> <td style="padding: 5px; text-align: center;"> <i>Typed or Printed Name of Person Mailing Correspondence</i> </td> </tr> </table> | | | I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | <i>Signature of Person Mailing Correspondence</i> | HAND DELIVERED | <i>Typed or Printed Name of Person Mailing Correspondence</i> |
| I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | | | | | | | | | |
| <i>Signature of Person Mailing Correspondence</i> | | | | | | | | | |
| HAND DELIVERED | | | | | | | | | |
| <i>Typed or Printed Name of Person Mailing Correspondence</i> | | | | | | | | | |
| cc: | | | | | | | | | |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

patent application of inventors Haverich et al.

Serial No. 10/084,306

Group Art Unit: 1651

Filed: 02/28/2002

Examiner: Naff

For: ***“PROCESS FOR PRODUCING A VASCULARIZED BIOARTIFICIAL TISSUE AND
AN EXPERIMENTAL REACTOR FOR CARRYING OUT THE PROCESS”***

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT UNDER 37 C.F.R. 1.115

Dear Sir:

Please amend the above-identified patent application as follows:

Amendments to the Claims are indicated by the notation “currently amended” or “cancelled” in the listing of claims beginning on page 2 of this paper.

Remarks begin on page 3 of this paper.